

Vises



MANUFACTURED BY
THE EMMERT MFG. CO.
WAYNESBORO, PA.



INTRODUCTION.

We present herewith our Latest Illustrated Catalogue and Price List No. 12.

THE EMMERT VISE

We were the first to place on the market a successful Universal Vise, our well known Pattern Makers and Wood Workers' Universal Vise.

This vise was so unusually successful that it was soon recognized as a leader with no equal.

Following this introduction we next offered our Tool Makers and Machinists' Universal Vise, which has proved itself an indispensable aid for tool room work and general use wherever time and convenience are appreciated.

In principle as well as in practice, the Emmert Universal Vises are not only a revolution in vise building, but they are also a revolution in construction, in efficiency and in economy of operation.

The uses of these tools have proven so varied and unique in actual practice that no written description of them can be made wholly complete or be fully understood without having the opportunity to see these labor-saving tools in actual practice.

So near as is possible within a limited space is the intent of this small catalogue to give some brief detailed description and information concerning these vises, and also of others of our improved type which we have more recently added to our line of exclusive manufacture.

We are most grateful to the many superintendents, master-mechanics and foremen in their varied industries who have strongly commended these vises after first proving their merits in their own shops.

Very respectfully,

EMMERT MFG. CO.,
Waynesboro, Pa., U. S. A.

**The Standard Vise for Pattern and Wood Work
Of All Kinds.**

**New Improved Woodworkers' and
Pattern Makers' "Universal Vises."**

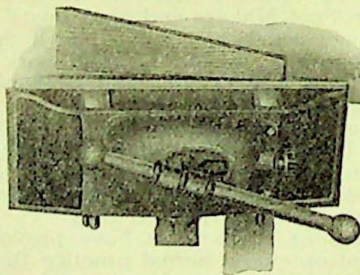


FIG. 1—Natural position.

The EMMERT Universal Vise in position on the side of the work bench is just flush with the top of the bench. In this position it can be unlocked in an instant and swung around the complete arc of a circle whose plane is vertical. By simply tripping another trigger it will travel 90° in the arc of another circle whose plane is also vertical, but

**The "Universal" is Convenient, Economical,
Practical.**

THE EMMERT MFG. CO., WAYNESBORO, PA.

The "Universal" Makes the Work Easy for the Workman.

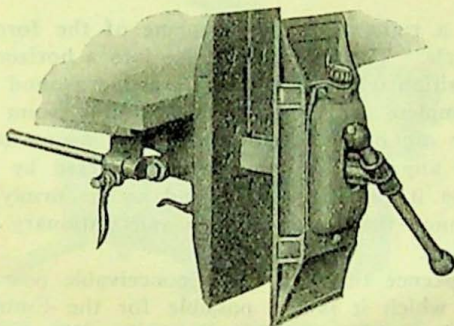


FIG. 2—Vise in position to hold work above the level of the bench top.

A Vise Holds Work In a Fixed Position—"The Universal" Holds Work In Any Position.

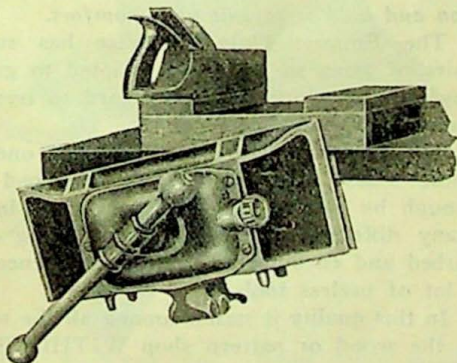


FIG. 3—Vise in position to hold boxes or drawers above the bench top.

It Saves the Workman's Time.

The "Universal" is Our Woodworkers' Friend.

at a right angle to the plane of the former circle. This brings the vise into a horizontal position where it will again swing around the complete arc of a circle. At any point on the arc of 90° mentioned it will swing 180° . At any point in any parts traversed by the vise it can be stopped and set as firmly as though that were its only and stationary position.

Hence there is not a conceivable position in which it is not possible for the Emmert Universal Vise to eliminate the difficulty of position, and *you need never twist or bend yourself to suit your work, but just let the vise turn the work in any position or direction and hold it to suit your comfort.*

The Emmert Universal Vise has seven pairs of jaws so that it is adapted to grasp any kind of work without regard to irregularity of form.

The workman who has the use of one of these vises is as thoroughly equipped as though he had a dozen different vises in as many different positions without being disturbed and encumbered with the presence of a lot of useless tools.

In this quality it stands among all the tools in the wood or pattern shop **WITHOUT A PEER.**

Guaranteed and Sold on Approval.

Sometimes Called the Acrobat.

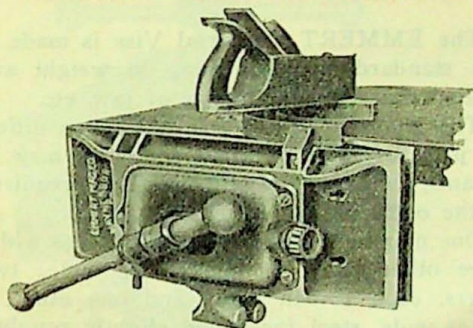


FIG. 4—Illustration showing use of vise stops or dogs to hold segments or rings.

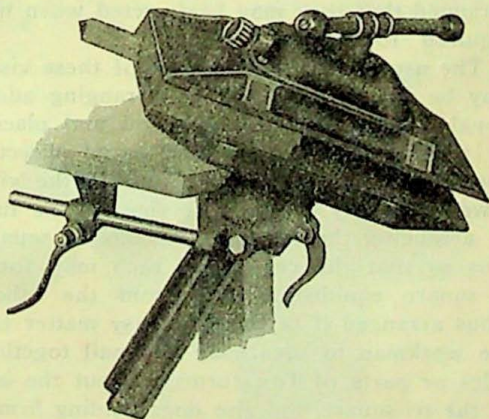


FIG. 5—Wood pad forms holding odd shaped work in a form at an angle convenient to the workman.

A Great Time Saver—"The Universal."

Used Everywhere—Praised Everywhere.

The EMMERT Universal Vise is made in two standard sizes, differing in weight and holding capacity, also in size of jaw, etc.

The No. 1 or larger size has seven different pairs of jaws, any pair of which may be instantly adjusted to the position required by the operator.

One pair of these jaws is 18½ inches wide; three other pairs each 7 inches wide; two others, each 1 inch wide, and one other, 3 inches wide, steel faced and slightly roughed for holding metal work. The No. 2 size of this vise has 1 less pair of holding dogs so arranged that they may be secreted when not required for service.

The use of the holding dogs of these vises may be extended at will by arranging additional dogs made of hard wood and placed in the work-bench top back, and directly opposite the fixed dogs included in the vise jaws. Possibly the best service can be had by arranging these hardwood dogs or square pins so that the centers of each may form a square equidistant one from the other. Thus arranged it becomes an easy matter for the workman to square up and nail together sides or parts of box forms without the aid of the tri-square, the vise dogs holding firmly in place the parts to be joined.

Has Seven Pairs of Jaws to Hold All Kinds of Work.

THE EMMERT MFG. CO., WAYNESBORO, PA.

The Peer of All Woodworkers' Vises.

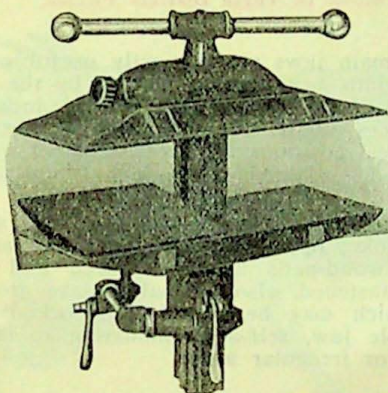


FIG. 6—Vise in right position with angle or Tilting Jaw in place.

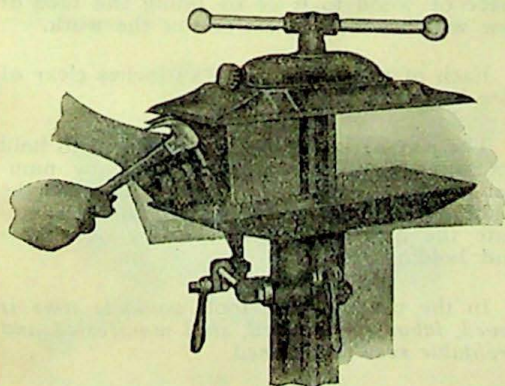


FIG. 7—A convenient position for holding work to be joined.

Sometimes Compared With the Human Hand In Movement.

Moves In Three Distinct Circles.

The main jaws are distinctly useful when thrown into any position desired by the operator. When vertical they hold broader flat pieces above the level of the bench base—ideal positions for dressing panel work, etc.

One pair of these jaws is provided with button-hole openings, into which varied shaped wood-pads may be placed and instantly fastened, also a small square groove into which may be placed and locked the adjustable jaw, self-accommodating to taper regular or irregular work.

Where desired the angle of this jaw may be changed by fastening a wedge-shaped piece of wood to it or by lining the face of jaw with wooden forms to suit the work.

Each of these jaws are 7x8 inches clear of vise beam obstruction.

The pair of jaws which is arranged to hold the wood-pads is not confined to any number of pad-shapes, but these pads may be made with surface forms varied to accommodate the greatest possible variety of shapes and holdings.

In the use of these tools valuable time is saved, labor economized, skill manifested and profitable results obtained.

"The Universal" Makes the Work Easy For the Workman.

Made In Two Standard Styles.

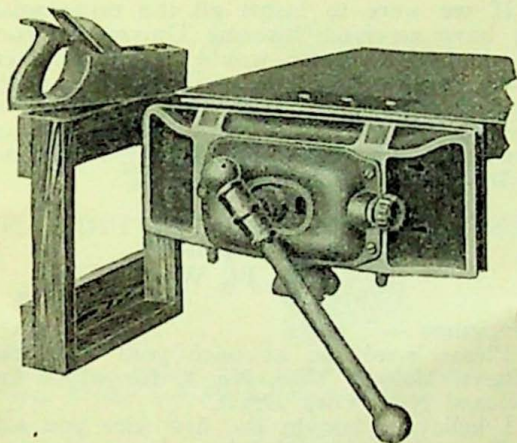


FIG. 8—Another illustration of vise holding box forms for work on outside surface.

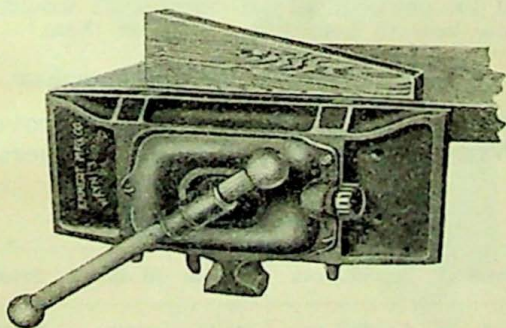


FIG. 9—Main jaw at an angle to hold wedge or taper pieces.

Thoroughly Tested By Experience.

THE EMMERT MFG. CO., WAYNESBORO, PA.

More Than 50,000 In Use Today.

If we were to insert all the testimonials we have received for our Universal Wood Worker's Vise there would not be sufficient space in this book, even if printed in the smallest type and the pages were multiplied over and over again. We insert but one testimonial, which is typical of the many thousands we have received.

CENTRAL PATTERN, FIXTURE AND
CABINET WORKS.

Ft. Worth, Tex.,

Oct. 12, 1912.

Gentlemen:—

Please send me at once your Universal Pattern Makers' Vise, No. 1, for which find enclosed New York Draft.

I believe I bought the first vice you sold in Texas in 1900 and I have been using and talking them ever since. I believe they save 30 per cent. of a pattern maker's time and add 100 per cent. of satisfaction. I wouldn't know how to keep house without them.

Yours truly,

I. E. Cunningham.

Emmert Mfg. Co.'s New Improved
Woodworkers' and Pattern Makers'
"Universal Vises."
Price List.

Vice No.	Size of Jaws	Opens	Weight	Price
1	7 x 18½ in.	14 in.	86 lbs.	\$15.00
2	5 x 14 "	12 "	56 "	12.50

Write for Discounts.

THE EMMERT MFG. CO., WAYNESBORO, PA.

Used by all the Leading Railroads.

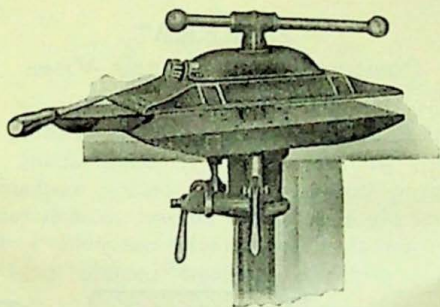


FIG. 10—Wood-pads holding irregular metal parts firmly for filing or drilling.

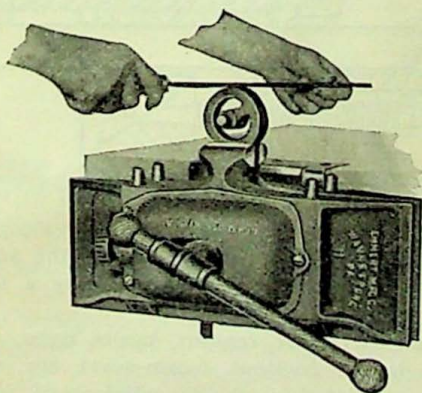


FIG. 11—Showing use of steel faced jaws.

Used by all U. S. Naval Yards.

"Eureka" Vises Save The Workman.

"EUREKA"

Positive Rapid Transit Vises.

GENERAL DESCRIPTION.

In every rapid acting vise the locking device is ALL important. No rapid acting vise is more durable than its locking mechanism.

Usually the devices subject to disarrangement and therefore proving unreliable as positive locking mechanisms contain either a

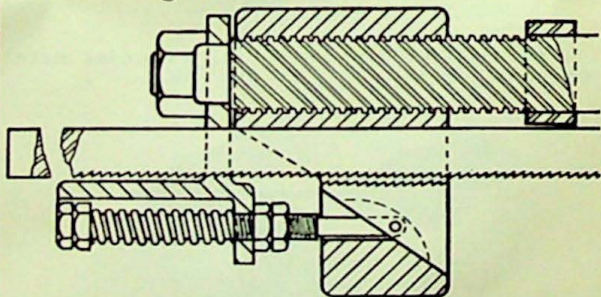


FIG. 12—Sectional view of locking device.

screw with part of the thread cut away, or a brass or bronze nut to engage the screw, this nut or lock piece having only a small part of a full thread.

For the above reasons, pawls, cams, triggers, levers, frictions, worm-gears, etc., were not considered as being satisfactory for a device of this kind.

"Eureka" Vises Never Fail to Hold.

The Nut and Screw Have Full Threads for Strength and Durability.

General Description—Cont.

The "Eureka" Rapid Transit Vise is locked and unlocked automatically by simply turning the vise handle or lever about one-quarter turn to the right to lock and the same distance to the left to unlock the vise.

The essential feature of these vises is the positive locking device which operates on a screw having a full thread and engages a $\frac{5}{8}$ inch square steel lock rod placed within 3-16 inch from the main screw of the vise. The nut itself contains a full thread and in this feature is as strong as a common screw vise. The nut is arranged to contain the steel lock rod which passes through the nut and is gripped firmly with equal force on TWO sides.

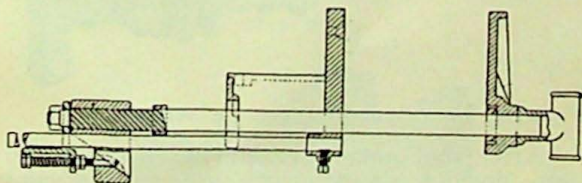


FIG. 13—Sectional view of "Eureka" vise.

The triangular shaped toothed wedge of case hardened steel is also contained in the nut. This wedge operates against an angle in the nut, so that when the main screw of the vise is operated to the right the nut

"Eureka" Vises Mean Economy.

The "Eureka" Locking Device is Positive.

moves forward and the angle in the lower part of the nut lifts the toothed wedge directly upward into engagement with the grip rod. This engagement is secured without any pressure being applied to the main jaws of the vise and with no more force than is needed to lift the triangular wedge, weighing only several ounces, about 1-16 inch into engagement.

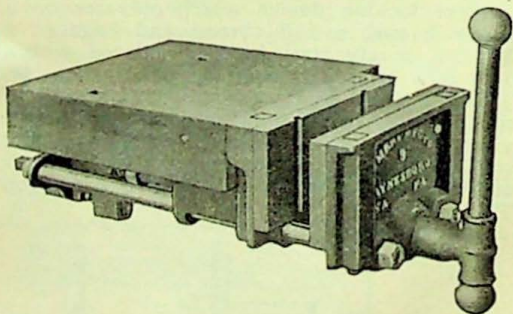


FIG. 14—Vise mounted on work bench.

After the toothed wedge has been forced into position as described the nut becomes rigid with the grip rod and may then properly be considered a part of the rear jaw of the vise. The screw then passes through the nut, drawing the front jaw inward against the work to be held.

This locking device differs from all others in that the nut encircles the grip rod and when pressure is applied the grip rod is held

"Eureka" Vises Have a Powerful Draw.

"Eureka" Vises are Great Time Savers.

firmly on TWO sides with equal force in proportion to the amount of force exerted on the main screw of the vise.

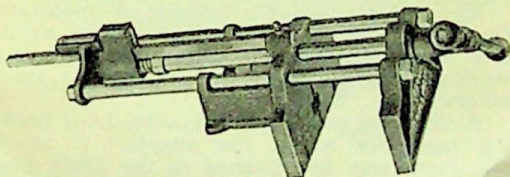


FIG. 15—Vise in reverse position to show locking device.

The toothed wedge once in position cannot be displaced without reversing the screw and relieving the jaw pressure.

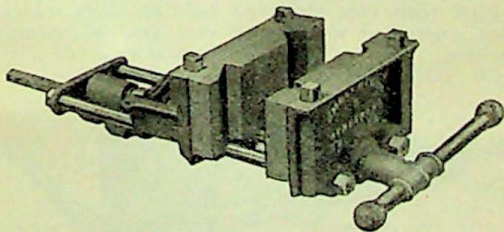


FIG. 16—Showing wood-pad forms in position, also vise stops or dogs.

The Grip is Stronger Than the Vise.

Try "Eureka" and be Satisfied.

This locking device has been subjected to every possible test for more than a year and although operated many thousands of times it has never failed to give a positive lock and engagement and at the same time without any noticeable wear of the parts.

These vises include a number of important features not found in other vises and which add materially to the convenience of the workman and to their effectiveness as time savers.

A tilting or angle jaw is provided for holding tapers or wedge like shapes. A wood pad form may be attached to the angle jaw and if a greater angle is desired this wood pad may be of wedge shape.

Each of the main jaws of these vises is provided with slotted holes to accommodate wood pad forms as shown in illustration, Fig. 16. These wood pad forms may be of any desired shape and can easily be made by the workman. They are quickly attached to or detached from the main jaws of the vise.

The main jaws of these vises are also provided with vise stops or holding dogs which are concealed within the vise jaw when not in use.

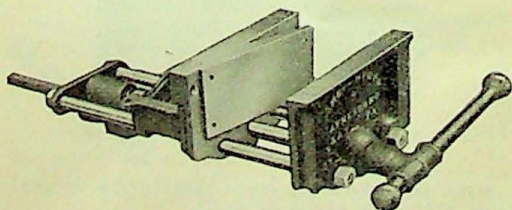


FIG. 17—Showing angle jaw in position to hold taper or wedge forms.

"Eureka" Vises are Strong and Durable.

"Eureka" Vises are the Best.

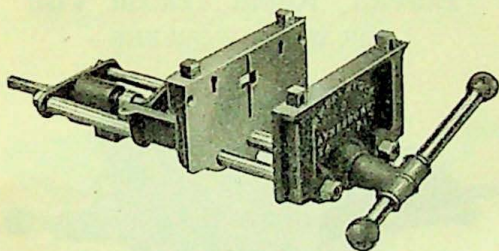


FIG. 18—Illustrating design of Jaws for No. 130 vises.

SOME GOOD POINTS.

Parts—Interchangeable
Jaws—Well ribbed and extra strong
Guide Rods—One inch cold drawn steel
Grip Rod— $\frac{5}{8}$ inch square cold drawn steel
Wedge—Steel, case-hardened
Nut—Contains full thread
Screw—Contains full thread
Lock—Opened and closed by a quarter turn of handle, absolutely positive
Tilting Jaw—For holding tapers
Vise Stops—To hold work above level of bench
Wood Pads—To hold varied shaped work, quickly detached
Draw—Powerful one inch draw
Grip—Adjustable
Vise—Guaranteed

Every Vise Positively Guaranteed.

"Eureka" Vises are Sold on Approval.

"Eureka" Rapid Transit Vise **—FOR WOOD WORKERS—**

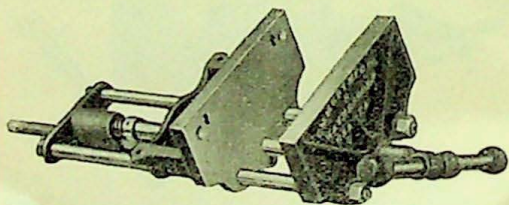


FIG. 19.

No. 125

Length of Jaws.....	10 Inches	
Depth of Jaws.....	4½ "	
Jaws Open	Weight	Price
12	37	\$6.50
14	38	7.00
16	39	7.50
18	40	8.00
20	41	8.50

The 12-inch opening is our standard size and will be shipped unless others are specified.

These vises are supplied with plain jaws slotted to accommodate wood pad forms for holding varied shaped work. These wood pad forms may be as varied as the work to be held. They are easily attached to the main jaws of the vise by means of common wood screws so arranged as to enter the slotted holes.

—WRITE FOR DISCOUNTS—

Every Vise Positively Guaranteed.

"Eureka" Vises Save the Workman.

"Eureka" Rapid Transit Vise **—FOR WOOD WORKERS—**

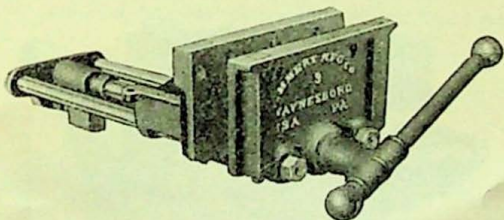


FIG. 20.

No. 130

Jaws Open	Weight	Price
12	42	\$8.00
14	43	8.50
16	44	9.00
18	45	9.50
20	46	10.00

The 12-inch opening is our standard size and will be shipped unless others are specified.

In this vise both jaws are supplied with holding stops or dogs, while the rear jaw is arranged to accommodate an angle or tilting jaw for holding tapers or wedge like shapes. Both jaws also contain slotted holes to accommodate wood pad forms.

Our No. 130 Rapid Transit Vise is the most complete and durable rapid acting vise ever offered. No other vise on the market provides for the varied service and convenience to be obtained from this up-to-date tool.

—WRITE FOR DISCOUNTS—

Every Vise Positively Guaranteed.

Eureka Tail Vises Save Time.

"Eureka" Rapid Transit Tail Vise **—FOR WOOD WORKERS—**

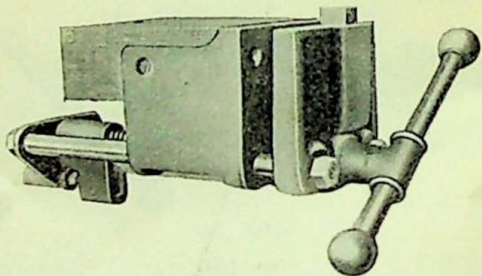


FIG. 21.

No. 131

Length of Jaws.....6 inches

Depth of Jaws.....4½ "

The front jaw of this vise contains a 1-inch square vise stop or dog.

Jaws Open	Weight	Price
6	31	\$6.00
8	32	6.50
10	33	7.00
12	34	7.50

The 6-inch opening is our standard vise and will be shipped unless others are specified.

The rear jaw of this vise is designed so that it can be firmly secured to end of bench. In construction and operation this vise is similar to our regular wood workers rapid transit vise.

—WRITE FOR DISCOUNTS—

Every Vise Positively Guaranteed.

THE EMMERT MFG. CO., WAYNESBORO, PA.

The "Iron Hand" in Vise Construction.

**TOOL MAKERS AND METAL WORKERS'
UNIVERSAL VISES.**

The Acme of Success—Indispensable in the Tool Room.

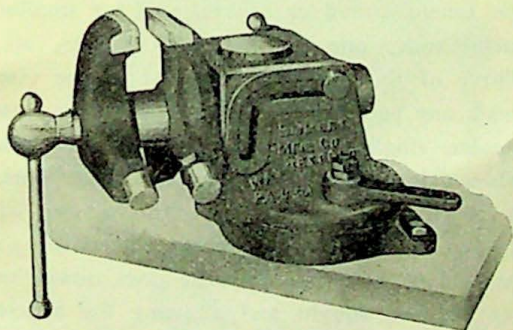


FIG. 22—Natural position.

GENERAL DESCRIPTION.

The Toolmakers' and Metal-Workers' Universal Vise stands in service also without a peer, and accommodates itself to every variety of work ordinarily found connected with a toolroom, metal pattern department, machine shop, and all general variety repair and construction work. These metal-workers' vises are provided with five pairs of holding jaws, viz., one pair for filing and fitting; one for

**"Universal Vises" Hold all Kinds of Work and
in any Convenient Position.**

5 Pairs of Jaws to Hold the Work.

round or finish work; one for rings, segments, hollow parts or irregular shapes; one for tapers, round or square, and for smaller metal rods; one for holding cylinders, etc. Three of these jaws are shaped on the vise head, any pair of which may be brought into service singly or together in pairs. Thus when using a three-inch jaw for metal work it is just as easy to have the service of a 6 or 7-inch jaw by placing the article to be held between two pairs of jaws turned to the position sought and allowing the article held to rest on the vise beam between the jaws. Thus held, all the strength of the double-jaw holdings is brought to bear unitedly against the vise block.

In the same way a 4 inch (4A) jaw vise may be turned at once to the service of an 8 or 9-inch jaw capacity (see fig. 25), a 10A to a 12 or 14 inch holding of segments, heavy wheels, rims, etc., in any required position for convenient work.

"Universal Vises" are Great Time Savers.

THE EMMERT MFG. CO., WAYNESBORO, PA.

Try a "Universal" and be Convinced.

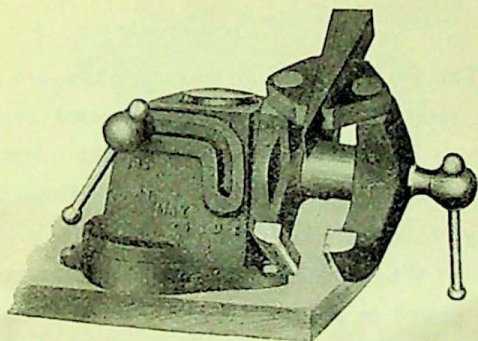


FIG. 23—Vise in position to hold tapered work of all descriptions.

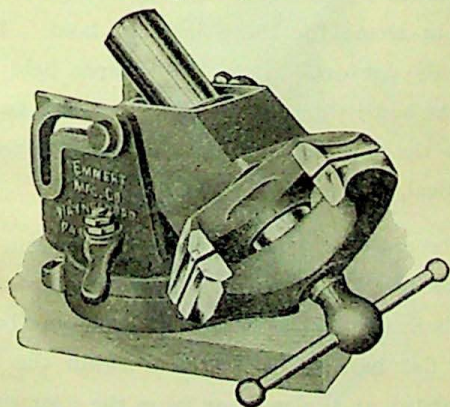


FIG. 24—Vise at an angle to bring work in a position to be worked on with convenience to the workman.

"The Universal" is Convenient, Economical, Practical.

"Universal Vises for Metal Pattern Work.

The round-shaped or pivotal jaws are at the same time unique in their varied applications in that wherein they may be adapted for holding many different things. Properly, they have been denominated the "Variety Jaws." When the triangular-shaped taper jaws are placed in position on the pivoted jaws, it is then that their varied uses become more apparent. Seemingly nothing is too irregular in shape for these jaws to hold. They readily conform to the odd shapes held and at the same time permit of their being swung into the desired position for work, whether vertical, horizontal, or angular.

Reversed on a single pivot they are in position to hold three-cornered pieces; reversed on both pivots, they are in position for bending flat bars of soft iron (within the jaw capacity) at angles to or from the operator.

"Universal Vises are Sold on Approval.

THE EMMERT MFG. CO., WAYNESBORO, PA.

A Great Time Saver in the Tool Room.

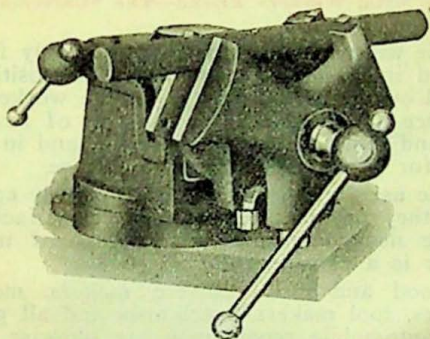


FIG. 25—Vise in position to show work being gripped by two pairs of jaws at one time.

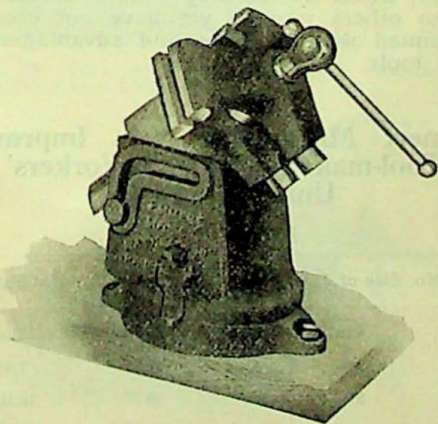


FIG. 26—Vise at angle; one of the most convenient positions for the tool-maker and impossible to obtain in any other vise on the market.

Convenience in Operation—Economy in Time.

The Metal-Workers Friend—The "Universal."

The users of these tools are not only fully served in all varied conditions and positions called out by variety work, but the worker is at once delighted with the matter of having at hand tools so like the human hand in action for prompt and effective service.

The users of these tools unanimously agree that they are indispensable in every factory where machinery and the keeping of it in repair is a consideration.

Wood and metal pattern makers, model makers, tool makers, machinists and all general automobile repair men are likewise enthused with their profitable operations and service, which service they unite in commending to others who as yet have not become acquainted with the uses and advantages of these tools.

**Emmert Mfg. Co's. New Improved
Tool-makers' & Metal Workers'
Universal Vises**

PRICE LIST

Vise No.	Size of Jaw	Opens	Weight	Net Price
4a	4 in.	6 in.	100 lbs.	\$12.50
5a	2 "	4 "	15 "	7.00
6a	3 "	5 "	55 "	10.00
10a	6 "	9 "	230 "	22.50

"Universal Vises" are Guaranteed.

"Universal Vises" Lead—others Follow.

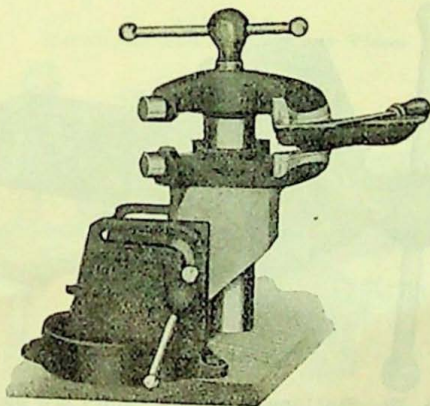


FIG. 27—Vise in upright position. Adaptable to different heights.

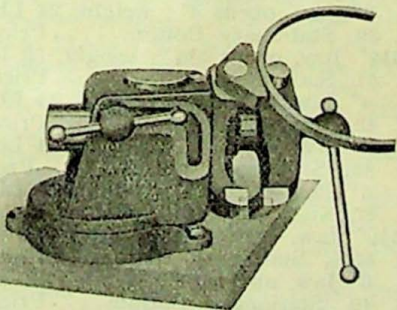


FIG. 28—Vise in position to show use of round jaws holding large rings.

The Peer of all Machinists' Vises.

Strength, Finish, Durability.

"TIGER." Machinists and Ironworkers Vises.

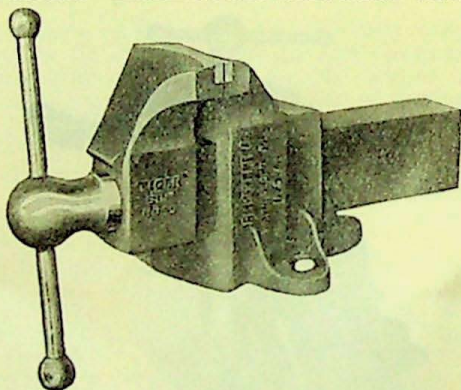


FIG. 29—Stationary bottom, solid jaw parallel vise.

PRICE LIST.

- | | |
|--------------------------------------|----------------|
| No. 37, Stationary Bottom..... | Price, \$ 6.00 |
| 3" Jaw, opens 4"; weight, 24 Lbs. | |
| No. 39, Stationary Bottom..... | Price, \$ 7.00 |
| 3½" Jaw, opens 5½"; weight, 30 Lbs. | |
| No. 41, Stationary Bottom..... | Price, \$ 8.50 |
| 4" Jaw, opens 6"; weight, 44 Lbs. | |
| No. 43, Stationary Bottom..... | Price, \$10.00 |
| 4½" Jaw, opens 7"; weight, 54 Lbs. | |
| No. 45, Stationary Bottom..... | Price, 13.00 |
| 5" Jaw, opens 8"; weight, 74 Lbs. | |
| No. 47, Stationary Bottom..... | Price, \$18.50 |
| 5½" Jaw, opens 9"; weight, 106 Lbs. | |
| No. 47½, Stationary Bottom... | Price, \$25.00 |
| 6" Jaw, opens 10"; weight, 135 Lbs. | |
| No. 49, Stationary Bottom.... | Price, \$32.50 |
| 6½" Jaw, opens 11"; weight, 160 Lbs. | |
| No. 51, Stationary Bottom..... | Price, \$37.50 |
| 7" Jaw, opens 12"; weight, 210 Lbs. | |

**Write for Liberal Discounts.
Fully Guaranteed.**

Extra Strength in Jaws, Screw and Nut.

"TIGER."

Machinists and Ironworkers Vises.

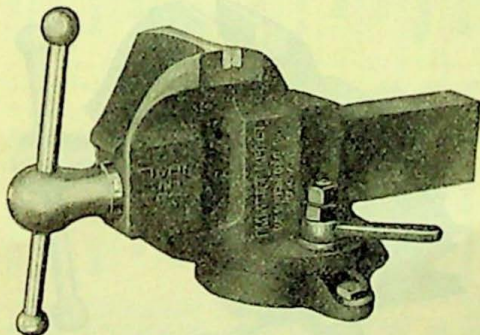


FIG. 30—Swivel bottom, sold jaw parallel vise.

- | | |
|--------------------------------------|----------------|
| No. 36, Swivel Bottom..... | Price, \$ 7.50 |
| 3" Jaw, opens 4"; weight, 30 Lbs. | |
| No. 38, Swivel Bottom..... | Price, \$ 8.75 |
| 3½" Jaw, opens 5½"; weight, 38 Lbs. | |
| No. 40, Swivel Bottom..... | Price, \$10.50 |
| 4" Jaw, opens 6"; weight, 54 Lbs. | |
| No. 42, Swivel Bottom..... | Price, \$12.50 |
| 4½" Jaw, opens 7"; weight, 66 Lbs. | |
| No. 44, Swivel Bottom..... | Price, \$16.00 |
| 5" Jaw, opens 8"; weight, 87 Lbs. | |
| No. 46, Swivel Bottom..... | Price, \$22.00 |
| 5½" Jaw, opens 9"; weight, 115 Lbs. | |
| No. 46½, Swivel Bottom..... | Price, \$30.00 |
| 6" Jaw, opens 10"; weight, 157 Lbs. | |
| No. 48, Swivel Bottom..... | Price, \$38.50 |
| 6½" Jaw, opens 11"; weight, 185 Lbs. | |
| No. 50, Swivel Bottom..... | Price, \$42.50 |
| 7" Jaw, opens 12"; weight, 235 Lbs. | |

Write for Liberal Discounts,
Full Weight as Listed.

THE EMMERT MFG. CO., WAYNESBORO, PA.

This Vise Will Give You Good Service.

"Tiger" New Combination Pipe Vises.

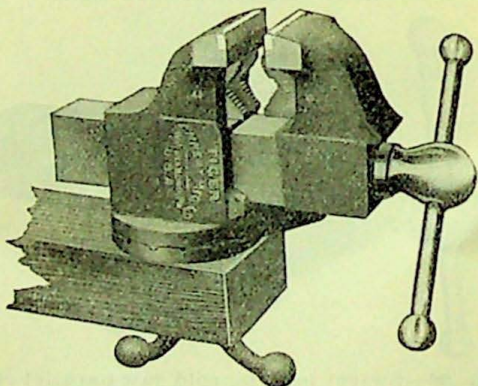


FIG. 31—Strongest combination pipe vise made. Swivel base, guaranteed not to slip. Pipe jaws are reversible. Best materials. Best finish.

PRICE LIST

Number	Width of Jaw Inches	Weight Pounds	Capacity Inches	List Price
8	3½	50	⅛-2	\$16.00
9	4¼	72	⅛-3	20.00
10	5	125	⅛-4	28.00

Write for Discounts.

Extra Strong Tool Steel Pipe Jaws.

THE EMMERT MFG. CO., WAYNESBORO, PA.

NET PRICE LIST EXTRA PARTS.
Pattern Makers' and Wood Workers'
Universal Vises.

Vise No.	Front Jaw	Back Jaw	Beam	Nut	Screw	Hub	Turtle Back	Hinge	Collar	Clamp Nut	Rack Bar	Dogs
1	3.25	3.50	2.00	1.00	1.00	2.25	.50	.75	.75	.35	.35	.25
2	2.75	3.00	1.75	1.00	.75	1.75	.40	.60	.....	.35	.35	.25

Machinists' and Tool Makers' Universal Vises.

Vise No.	Front Jaw	Back Jaw	Anvil	Bracket	Base Plate	Nut	Screw and Lever	Loose Jaws	Base Lever	Lever Bolt	Bracket Bolt	Bracket Lever
5A	2.50	1.75	1.25	2.00	.50	.50	.75	.50	.....	.....	.25	.25
6A	3.00	2.00	1.50	2.50	.75	.75	1.00	.75	.25	.25	.40	.25
4A	4.00	2.50	1.75	3.00	1.00	1.00	1.50	.75	.25	.25	.40	.25
10A	6.00	4.00	3.00	5.00	1.50	1.50	2.50	1.00	.35	.35	.50	.35

"EUREKA" RAPID TRANSIT VISES.
Vises No. 125-130-131.

Vise No.	Front Jaw	Back Jaw	Nut	End Piece	Wedge	Plunger	Spring	Angle Jaw	Dogs
125	1.50	2.50	.50	.50	.50	.25	.10	.....	.....
130	2.00	3.00	.50	.50	.50	.25	.10	.50	.25
131	1.50	2.50	.50	.50	.50	.25	.10	.....	.25

Above List Is Standard to All Openings.

Vises No. 125 and 130.				Vise No. 131.			
Opening	Rack	Screw	Side Bars	Opening	Rack	Screw	Side Bars
12 "	.75	.75	.50	6 "	.50	.60	.40
14 "	.80	.80	.55	8 "	.55	.65	.45
16 "	.85	.85	.60	10 "	.60	.70	.50
18 "	.90	.90	.65	12 "	.75	.75	.60
20 "	1.00	1.00	.75				

THE EMMERT MFG. CO., WAYNESBORO, PA.

"Tiger" Machinists' and Iron Workers' Vises.

Vise No.	Front Jaw	Back Jaw	Screw and Lever	Nut	Swivel Base	Lock Bolt and Lever
37	\$1.75	\$1.50	\$0.50	\$0.25	.....	.....
39	1.90	1.75	.60	.30	.....	.....
41	2.25	1.85	.65	.35	.....	.....
43	2.75	2.25	.75	.40	.....	.....
45	3.25	2.75	.35	.45	.....	.....
47	4.50	4.00	.95	.50	.....	.....
47½	6.25	5.50	1.50	.75	.....	.....
49	7.50	6.75	2.00	1.25	.....	.....
51	8.50	7.50	2.50	1.50	.....	.....
36	1.75	1.50	.50	.25	.50	.40
38	1.90	1.75	.60	.30	.55	.40
40	2.25	2.00	.65	.35	.60	.40
42	2.75	2.50	.75	.40	.60	.50
44	3.25	3.00	.85	.45	.75	.50
46	4.50	4.00	.95	.50	.75	.60
46½	6.25	5.50	1.50	.75	1.00	.60
48	7.50	7.00	2.00	1.25	1.50	.75
50	8.50	7.50	2.50	1.50	2.00	.75

TELEGRAPHIC CODE.

Private Code for Telegraphic Orders.

Vise No.	Code Word	Vise No.	Code Word	Vise No.	Code Word
1	Gold	41	Base	125-12	Nickel
2	Silver	42	White	"-14	Steel
4a	Rain	43	Brown	"-16	Metal
6a	Hail	44	Green	"-18	Horn
5a	Salt	45	Blue	"-20	Thread
10a	Heavy	46	Gray	130-12	Stove
8	Copper	46½	Black	"-14	File
9	Iron	47	Ash	"-16	Gun
10	Zinc	47½	Walnut	"-18	Rifle
36	Ball	48	Oak	"-20	Bear
37	Strike	49	Apple	131-6	Deer
38	Bat	50	Peach	"-8	Shart
39	Home	51	Cherry	"-10	Tong
40	Pitcher			"-12	Round

North: Ship by Express to-day, sure.
 South: Ship by Express, soon as possible.
 East: Ship via Freight to-day, sure.
 West: Ship via Freight, soon as possible.
 Cable Address: Emvise, Waynesboro.



